MAR 1 9 2004 32 Propre TRADEMARKS

PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/708,636 **TRANSMITTAL** Filing Date 03/17/2004 **FORM** First Named Inventor Chang-Lien Wu Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Attorney Docket Number 14 REAP0049USA Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication • Drawing(s) Fee Transmittal Form to Technology Center (TC) Appeal Communication to Board **Licensing-related Papers** Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information **Provisional Application** After Final Power of Attorney, Revocation Status Letter **Change of Correspondence Address** Affidavits/declaration(s) Other Enclosure(s) (please **Terminal Disclaimer Extension of Time Request** Identify below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ **Incomplete Application** Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Winston Hsu, Reg. No.: 41,526 or Individual name Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Date Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAR 1.9 2004 33

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 0.00

Complete if Known				
Application Number	10/708,636			
Filing Date	03/17/2004			
First Named Inventor	Chang-Lien Wu			
Examiner Name				
Art Unit				
Attorney Docket No.	REAP0049USA			

METHOD OF PAYMENT (check all that apply)				FEE	E CALCULATION (continued)	
Check Credit card Money Other None	3. A[DDITI	ONAL	. FEE	S	
Deposit Account:	<u>Large E</u>	Entity	Small	Entity		
Deposit Account.	Fee Code			Fee	Fee Description	Eco Doid
Account 50-0801	1051	130	2051	(\$)	Surcharge - late filing fee or oath	Fee Paid
Number Deposit Account North America International Patent Office	1052	50	2052		Surcharge - late provisional filing fee or cover sheet	
Name	1053	130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable	
		1,330	2453	665	Petition to revive - unintentional	<u> </u>
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2501	665	Utility issue fee (or reissue)	<u> </u>
Extra Claims below Fee Paid		480	2502	240	Design issue fee	
Total Claims20** = X = X =	1503	640	2503	320	Plant issue fee	
Claims ————————————————————————————————————	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802		·	
<u> </u>	Other	fee (sp	ecify)			
SUBTOTAL (2) (\$) 0.00 **or number previously paid, if greater; For Reissues, see above Other fee (special content of the con					ee Paid SUBTOTAL (3) (\$) 0.00	
SUBMITTED BY		·			(Complete (if applicable))	
Name (Print/Trins) Wineten Hou	F	Registra	tion No	. 44	526 Telephone 886289237356	<u> </u>

SUBMITTED BY						(Complete (if applicable))			
Name (Print/Type)	Winston Hsu	A	1 — 7	Registration No. (Attorney/Agent)	41,526	Telephone	886289237350		
Signature	1	7	undon	Hau		Date	3/18/2000		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449B/PTO 10/708,636 **Application Number** INFORMATION DISCLOSURE 03/17/2004 Filing Date Chang-Lien Wu STATEMENT BY APPLICANT **First Named Inventor Group Art Unit Examiner Name** (use as many sheets as necessary) Attorney Docket Number | REAP0049USA 1 of Sheet

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
	1	CHIH-TSUN HUANG, JING-RENG HUANG, CHI-FENG WU, CHENG-WEN WU, TSIN-YUAN CHANG (National Tsing Hua Unviersity); A Programmable BIST Core for Embedded DRAM; January - March 1999; page 59 - page 69					

	*** /						
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************						
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
***************************************	******************						
			1				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.